

TUVA SSR on 15M (RA0/UA9YX)

Subject: Aircraft headsets

[illegible]

There is a small cord, labeled on one side "Nexus" and in the other side "U-173/U".

I don't know if this will work with your Yaesu headseat.

Steve Bridges	e-mail:
NCR Corporation -- USDPG Product Marketing	Steve.Bridges@dayton.ncr.com
and Support Office Level Systems	..!ncrlnk!pmday_2!steve
1334 South Patterson Blvd	(513)-445-4182
Dayton, OH 45479	622-4182 (VoicePlus)

Date: 14 Oct 89 22:05:41 GMT
From: tank!eeca!cps3xx!usenet@handies.ucar.edu (Usenet file owner)
Subject: Aircraft headsets

In article <353@foobar.hf.intel.com> jim@foobar.UUCP (Jim Garver) writes:

>Do these electret mic
>elements have a back opening to the diaphragm? I wonder how they do
>it since all the electret elements I have seen are tiny sealed cans.

One technique that could be used is to employ two microphones. One mic faces the speakers mouth, and the other faces outward. The two signals are fed into a difference amplifier, and since the noise is about the same on both sides of the mic, but the speakers voice is much greater on one side, cancellation is achieved.

In the rare case that original ideas Kenneth J. Hendrickson N8DGN
are found here, I am responsible. Owen W328, E. Lansing, MI 48825
Internet: hendrick@frith.egr.msu.edu UUCP: ...!uunet!frith!hendrick

Date: 14 Oct 89 21:52:03 GMT
From: deimos.cis.ksu.edu!harris.cis.ksu.edu!mac@rutgers.edu (Myron A. Calhoun)
Subject: ARRL Membership?

In article <31195@cci632.UUCP> dvh@cci632.UUCP (David Hallidy) writes:
>In article <6795@ttidca.TTI.COM>, sorgatz@ttidca.TTI.COM (Avatar) writes:

[many lines deleted for brevity]

>This posting basically says it all in a nutshell. The sad thing is, we

>can write all day long to K1ZZ, BUT HE WON'T ANSWER....

Please don't be too hard on K1ZZ. I wrote him once (on an entirely UNrelated matter) and received an answer fairly promptly.

--Myron

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Myron A. Calhoun, PhD EE, W0PBV, (913) 532-6350 (work), 539-4448 (home).
INTERNET: mac@ksuvax1.cis.ksu.edu
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Date: 14 Oct 89 22:01:33 GMT

From: tank!eeca!cps3xx!usenet@handies.ucar.edu (Usenet file owner)

Subject: Back to Part 15 (was Re: Unrestricted access (was Re: Part 15))

In article <9886@cadnetix.COM> rusty@cadnetix.COM (Rusty Carruth) writes:

>In article <686@noe.UUCP> marc@noe.UUCP (Marc de Groot) writes:

>I was down at Pace (kinda like Price Club, if you know what that is)

>yesterday and saw something which really worried me.

> "AT&T Cellular Style Walkie-Talkies"

>There was no mention of what freq they used.

>There was no mention of how much power they radiated.

>I'm worried about what freqs these things are on.

These are probably on the 49 and/or 46 MHz band. There are 10 frequencies allocated for cordless phones. Walkie-Talkies can use 5 (I think) of these frequencies. I also think they are NBFM. They won't bother you unless you are on 6m.

In the rare case that original ideas are found here, I am responsible.
Internet: hendrick@frith.egr.msu.edu

Kenneth J. Hendrickson N8DGN
Owen W328, E. Lansing, MI 48825
UUCP: ...!uunet!frith!hendrick

Date: 14 Oct 89 18:20:00 GMT

From: ux1.cso.uiuc.edu!ux1.cso.uiuc.edu!phil@iuvax.cs.indiana.edu

Subject: Bandwidth grudgingly given

> Along those same lines, I drove cross country last year on an 8500
> mile trip and found that once you are not in a Metro area, the CB channels,
> and I mean literally all the channels, go silent.

Something must be wrong with the front end of your receiver. Granted there are definitely some dead spots in the country, but I live outside of the

major metro areas and the channels are still quite crowded. It depends on where you go. Here in Urbana-Champaign, I hear usually 5 or 6 active CB channels during an evening. When visiting my parents in West Virginia in a town of 6000 people, there are often 12 or more busy channels. Incidentally there is more two meter repeater activity there as well.

--Phil howard-- <phil@ux1.cso.uiuc.edu>

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Date: 12 Oct 89 06:58:58 GMT

From: att!pacbell!hoptoad!peora!tsdiag!ka2qhd!w2vy@ucbvax.Berkeley.EDU (Thomas A Moulton RATS Clifton NJ)

Subject: Does It Matter How Thick Antenna Wire Is?

The only time you should be real concerned about the diameter of the wire is when the Length is Short (Like above 50 Mhz, and for sure over 500 mhz)

You see there is a factor is the electrical length that is based on the Length to Diameter ratio, if the diameter is large the antenna will be broader and shorter, but on HF you don't need to worry about it much...

For an HF antenna I would not worry about it, except for making sure it is strong enough to withstand the weather...

I usually use 12 or 14 gauge Copper Weld (Copper coated steel) and remember the wire does not have to be taunt!

Now if you were to use 2-4 wires with spacers about 3-4 inches apart you could have a nice broad antenna for a good chunk of 80M... (That's the wires are 3-4 inches apart, at rf it would look like a solid pipe...)

73

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Life is too short to be mad about things.

Thomas A. Moulton, W2VY

(201) 478-7919

Packet: w2vy@kd6th Voice: 145.190 (r)

uucp: rutgers!petsd!tsdiag!ka2qhd!w2vy

Date: 13 Oct 89 22:08:08 GMT

From: att!cbnews1!hawk@ucbvax.Berkeley.EDU (james.p.hawkins)

Subject: Heathkit name change?

In article <3863@cbnewsc.ATT.COM>, parnass@cbnewsc.ATT.COM (Bob Parnass, AJ9S)

writes:

>
> Now that Zenith is selling its Heath business to Clendes Machines Bull,
> will Heathkit become Bullkit? :-)
> --
> =====
> Bob Parnass, AJ9S - AT&T Bell Laboratories - att!ihuxz!parnass (312)979-5414

IT JUST DID!!!

Date: 14 Oct 89 19:04:50 GMT
From: att!cbnewsc!parnass@uchvax.Berkeley.EDU (Bob Parnass, AJ9S)
Subject: Info wanted: IC-275

In article <30500234@ux1.cso.uiuc.edu>, phil@ux1.cso.uiuc.edu writes:
>
> I'd like to find out some info about the Icom IC-275:...

I own an Icom IC-275H and have been happy with it, using it mainly for FM and listening in and out of the 2 meter band. The dozen or so SSB QSOs I've had using it has shown it a good performer in that mode, too.

As received from the factory, the IC275 receives 138-174 MHz.

Reception within the ham band is very good. However, I have noticed a difference in reception performance when listening outside 2 meters. You can hear the level of the background noise go down as soon as you tune beyond the ham band. It's a discrete type of change so I assume they are switching something, like a band pass filter. I think different synthesizer circuitry may be used outside the band also.

Outside 2 meters, the reception is sensitive enough for the type of listening I do, but the 275H is prone to images above 148 MHz -- seemingly a bit more than my old Bearcat 300s, for example.

I have not modified the 275H to transmit outside 2 meters so I can't offer information about such a modification, nor about the computer interface either.

You might want to consider installing the high stability oscillator option, although I have not.

My 275H receiver will change frequency about 1.6 - 1.8 kHz during the first hour or so after initial power on. The drift is slow, so one would not normally be aware of it except:

- 1) the discriminator meter shows off center reading, and more importantly
- 2) the memory scan function will skip active channels because the "window detector" circuit thinks the signal is too far off frequency to be valid.

Fortunately, the RIT control can be easily used to compensate for the difference. By the way, the memory scan is very fast.

When I bought my 275H, the reference oscillator was aligned perfectly for operation when the rig was first powered on. I realigned the oscillator after a 1 hour warmup instead.

I compared the Kenwood TS-711A, the Icom 275A/H, the Yaesu FT726R, and FT736R before buying the Icom and would make the same choice over again.

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Bob Parnass, AJ9S - AT&T Bell Laboratories - att!ihuxz!parnass (312)979-5414

Date: 14 Oct 89 18:25:00 GMT
From: ux1.cso.uiuc.edu!ux1.cso.uiuc.edu!phil@iuvax.cs.indiana.edu
Subject: PL259 connector assembly

> Amphenol lists two different adapters for the PL-259 in thier catalog:
>
> UG-175 -- RG-55,58,141,142 (.209" I.D.)
> UG-176 -- RG-59,62,71,140,210 (.257" I.D.)
>
> They list nothing for RG-8/X specifically. In the back of my mind I
> seem to recall that Radio Shack had an adapter that would handle RG-8/X
> but I could be mistaken. My Belden catalog lists RG-8/X as having an
> O.D. of .242", so it looks like the UG-176 adapter should accomidate
> it.

Yes, the UG-176 works. RG-8/X has basically the same O.D. as RG-59.

--Phil howard-- <phil@ux1.cso.uiuc.edu>
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.-.-.- --. -. .- - ... -.-.-... .

Date: 12 Oct 89 07:08:05 GMT
From: att!pacbell!hoptoad!peora!tsdiag!ka2qhd!w2vy@ucbvax.Berkeley.EDU (Thomas A Moulton RATS Clifton NJ)
Subject: Thoughts from a prospective ham

Please do not let what you see on the NEWS-groups discourage you, this is a totally different world from being on the air.

If you were to listen (watch) the evening NEWS you would then not want to venture outside, all they do is talk about the BAD things...

There are many areas of the bands that are a bit boring after a while, but there is a lot out there to enjoy!

Also remember that more often than not people like to flame and argue at each other on news groups...

I would compare this news group to others and I think you might see that there is a fair percentage of good stuff here...

And as with any ongoing discussion there are many horses that get beaten to death... like the code wars... you were not seeing us at our best... it's a very emotional topic...

besides a very very small percentage of hams are represented here...:>

73, Tom, W2VY

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Life is too short to be mad about things.

Thomas A. Moulton, W2VY Packet: w2vy@kd6th Voice: 145.190 (r)
(201) 478-7919 uucp: rutgers!petsd!tsdiag!ka2qhd!w2vy

Date: Sat, 14 Oct 89 14:12:15 EDT
From: LANG@UNB.CA
Subject: TUVA SSR on 15M (RA0/UA9YX)

Date: Fri, 13 Oct 89 10:29 EDT
From: Ed Schwalenberg <Ed@ALDERAAN.SCRC.Symbolics.COM>
Subject: TUVA SSR on 15M (RA0/UA9YX)
In article <TUVA SSR on 15M (RA0/UA9YX)> from <Ed@ALDERAAN.SCRC.Symbolics.COM> on <Fri, 13 Oct 89 10:29 EDT>:

> I contacted a station on 15M last night (10pm ET) from the TUVA soviet
>republic.
> It was RA0/UA9YX on 21295 kHz.
> This is the first time I've heard this area of the Soviet Union on Ham
>Radio.
> Perhaps others may be interested. (B T W Tuva is the geographical centre of
> Asia)
>There was a very funny show on PBS (I think it was Nova) about Richard
>Feynmann of the Feynmann Lectures on Physics. He decided to try to visit
>Tuva, because as far as he could tell no Westerner had ever been there.
>Unfortunately, in the pre-glasnost era, that proved impossible.

I was curious about the "TUVA SSR" and so looked it up in Encyclopaedia
Britannica. Here is what I found:

Correct name: Tuva Autonomous Soviet Socialist Republic
(or Tuva A.S.S.R.). Note that it is *not* a Union republic but part of
the R.S.F.S.R., or Russia (loosely speaking) , which is itself a
federated republic. All Union republics have the (theoretical) right of
secession; autonomous republics do not. A.S.S.R.'s are administrative
divisions based on nationality, somewhat different from oblasts.

Some history of the Tuva A.S.S.R.:

Part of the Chinese Empire until 1911

1914: Russia took country under its protection after fomenting a
separatist movement

1921: Independence declared: Tanna Tuva People's Republic

1944: Annexed by the U.S.S.R., made an autonomous oblast of the
R.S.F.S.R.

1961: Status raised to A.S.S.R.

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